DOCUMENT RESUME

ED 103 213 SE 017 355

TITLE	Fun with the Environment.
INSTITUTION	Environmental Protection Agency, Washington, D. C.
PUB DATE	73
NOTE	20p.
AVAILABLE FROM	Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (Stock No. 5500-00087, $0.75, domestic postpaid; $0.65, GPO Bookstore)
EDRS PRICE	MF-$0.76 HC-$1.58 PLUS POSTAGE
DESCRIPTORS	Conservation Education; *Elementary Grades; Energy Conservation; *Environmental Education; Independent Study; *Learning Activities; Natural Resources; Pollution; Science Education

ABSTRACT

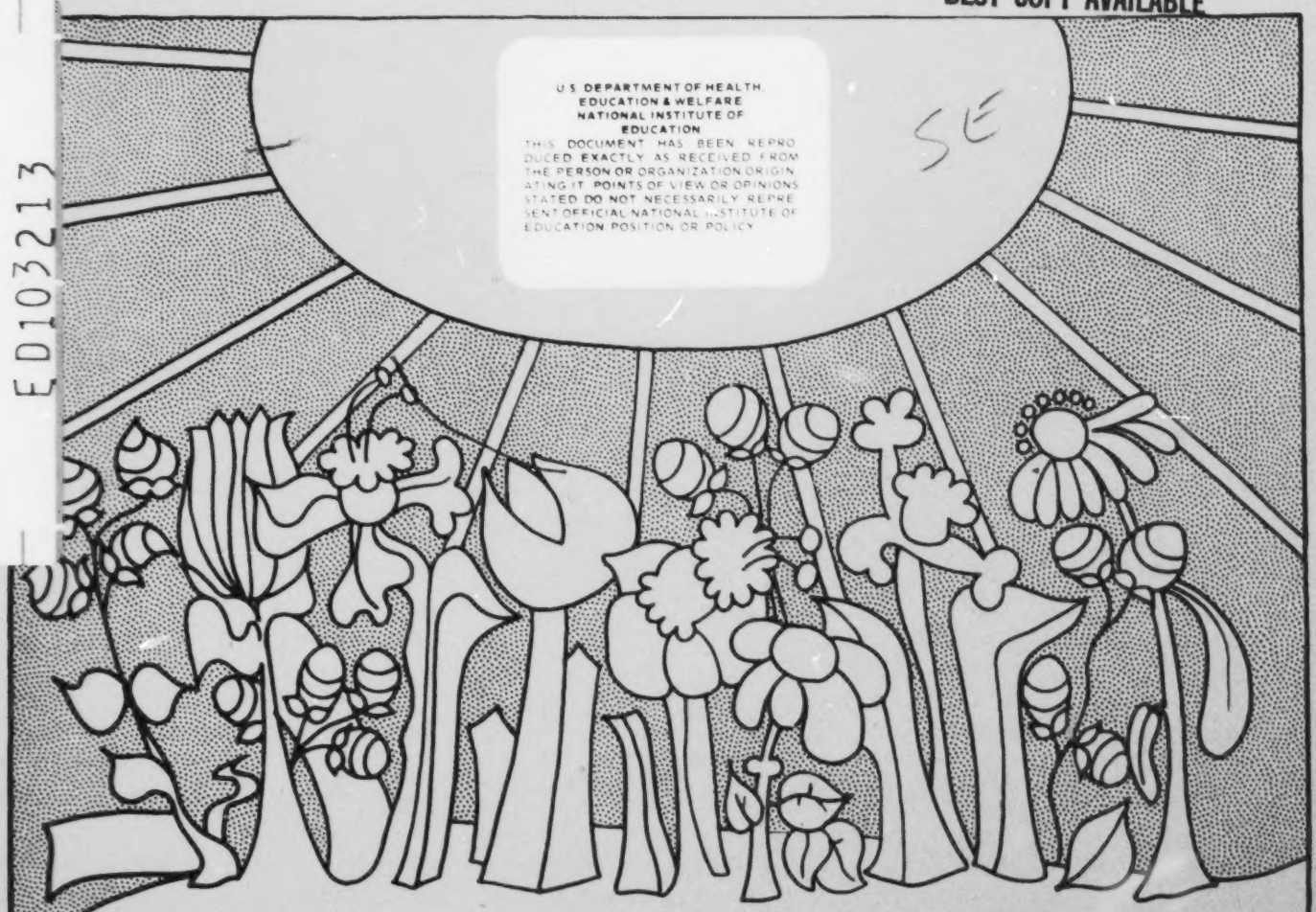
This self-contained activity booklet is designed to teach young elementary students about their environment. Information about the environment and people's interaction with it are presented in cartoon and coloring book form. Drawings and simple vocabulary explain how the environment is polluted and natural resources wasted, as well as ways that these situations can be corrected. Activities include an environmental crossword puzzle, coloring and write-in pages, and an environmental checklist. (MA)

BEST COPY AVAILABLE

U.S. DEPARTMENT OF HEALTH
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

SE

ED103213

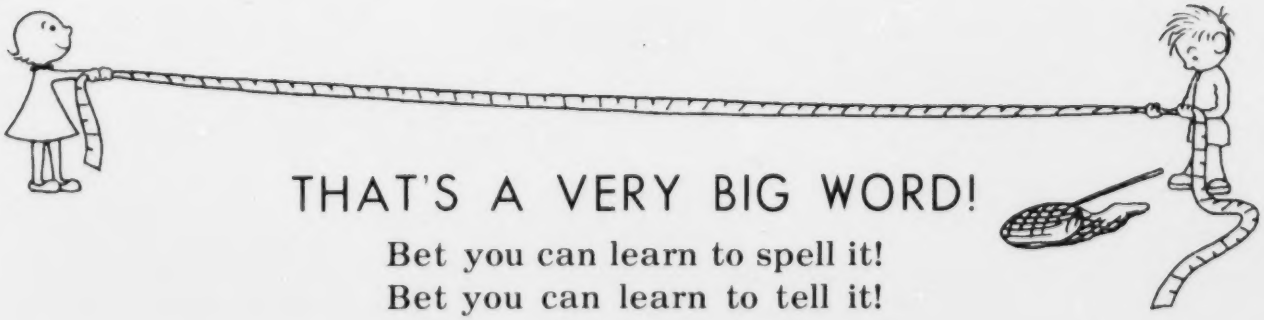


fun with the environment

SE 017 355

a FUN-AS-YOU-LEARN book
for **KIDS WHO CARE**
about the

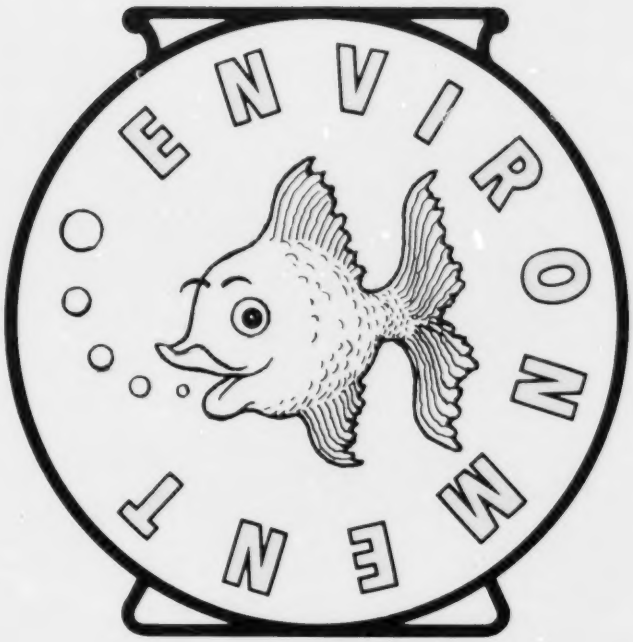
ENVIRONMENT



THAT'S A VERY BIG WORD!

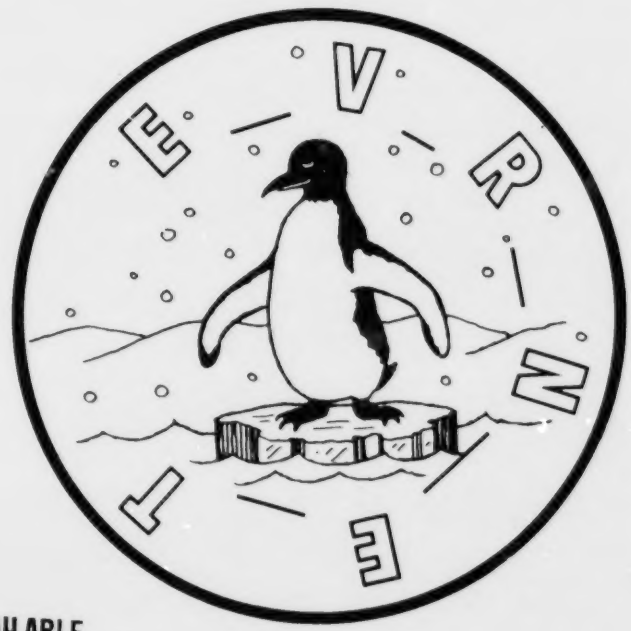
Bet you can learn to spell it!
Bet you can learn to tell it!

Here is a little fish in a bowlful of **ENVIRONMENT.** Do you think he should be in a bowlful of water? You are right! Water IS his ENVIRONMENT.



You could not live under the earth, but this worm likes it there. It is his **ENVIRONMENT.** (Color the letters around the worm with pencil or crayon.)

This penguin lives at the South Pole. He likes his **ENVIRONMENT** cold. (Color the letters; even the ones that are missing.)



BEST COPY AVAILABLE

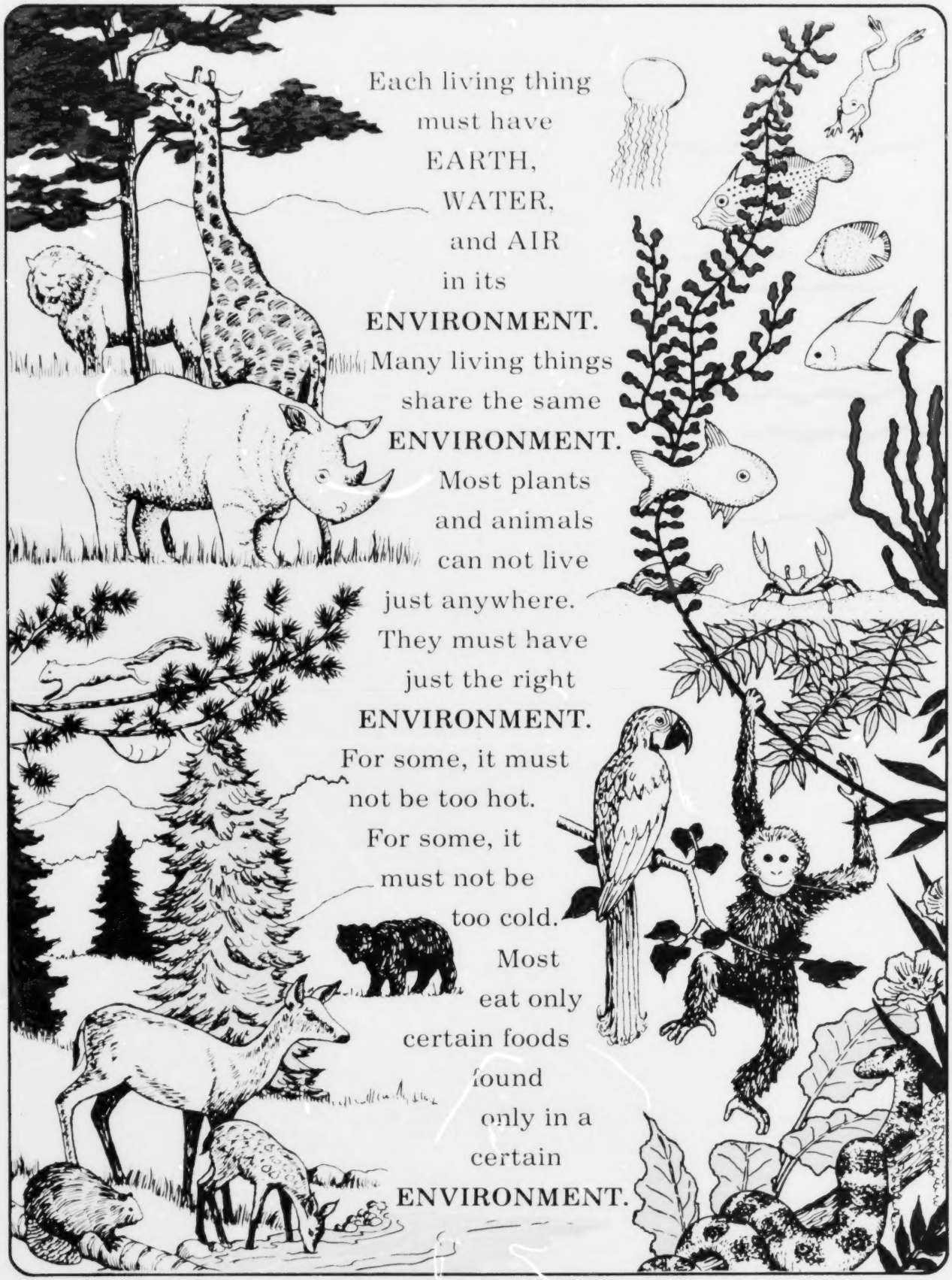
This lizard and cactus live in a desert. They like their **ENVIRONMENT** hot and dry. (Fill in the missing letters.)

This is you in your **ENVIRONMENT.** Draw yourself in the space. (All the letters are missing here. Can you fill them in?)

If you can spell it in a circle,
you can spell it in a straight line. Try it.

You know what **ENVIRONMENT** means, too.
It is what is around every living thing.
It is what every living thing needs for life.

BEST COPY AVAILABLE

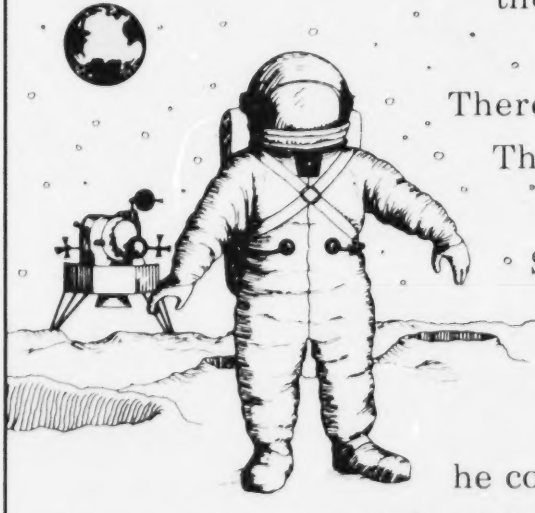


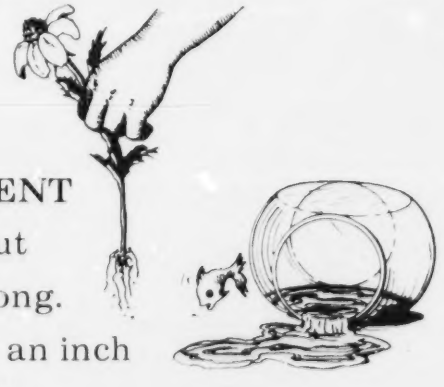
BEST COPY AVAILABLE

People can live almost anywhere on earth. They can grow their food and eat many different kinds of food.

People can wear clothes and build houses to protect themselves from the weather. People can even leave their **ENVIRONMENT.**

Man went to the moon. There was land, but it grew no food. There was no water and no air. So man took some of his **ENVIRONMENT** with him. But he could not stay long.

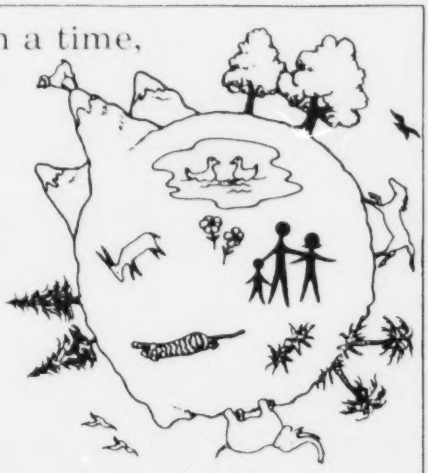




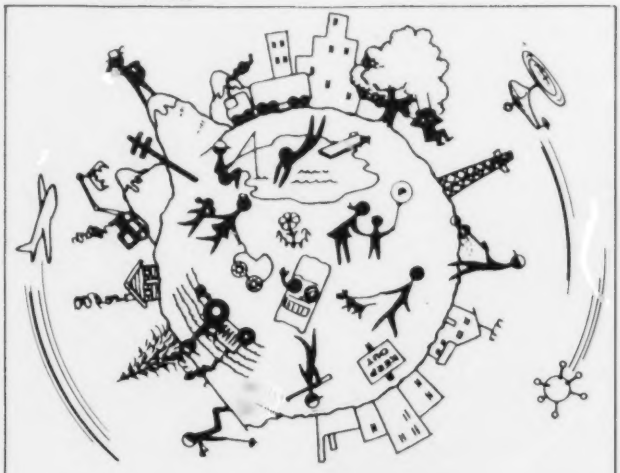
Some things would die if they moved just an inch from their **ENVIRONMENT.**

BEST COPY AVAILABLE

Once upon a time, there was plenty of room on Earth for all the plants, animals, and people.

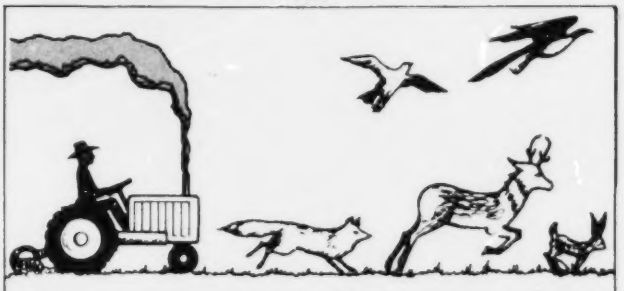


They all shared their ENVIRONMENTS very nicely.

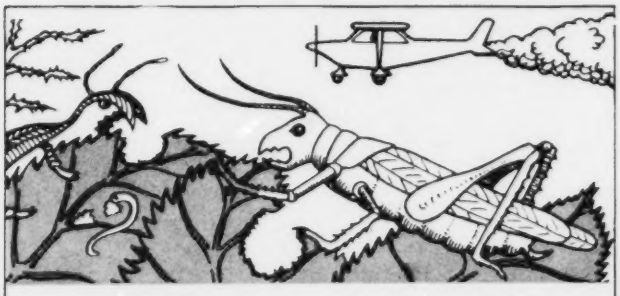


As the years went by, there were more and more people.

More people needed more homes. To build them, more trees were cut down. Wild animals also used the trees for homes. They had to move.



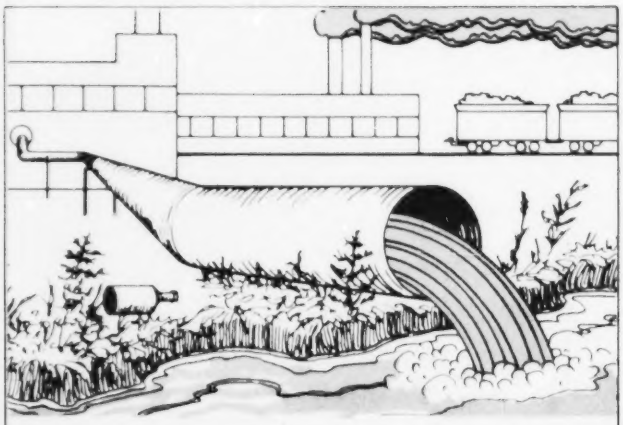
More people needed more food. To grow more food, more land was needed. The wild animals had less and less room and food. Soon there were fewer wild animals.



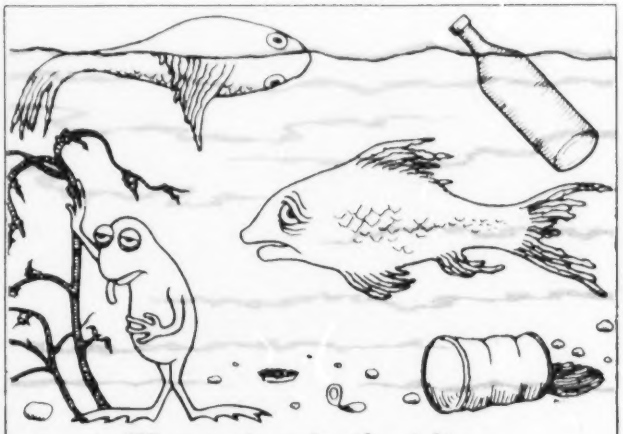
Insects ate much of man's crops. So man began spraying poison on the crops to kill the insects. But the poison also killed birds and other animals that ate the insects.

More people needed more things. More factories were built.

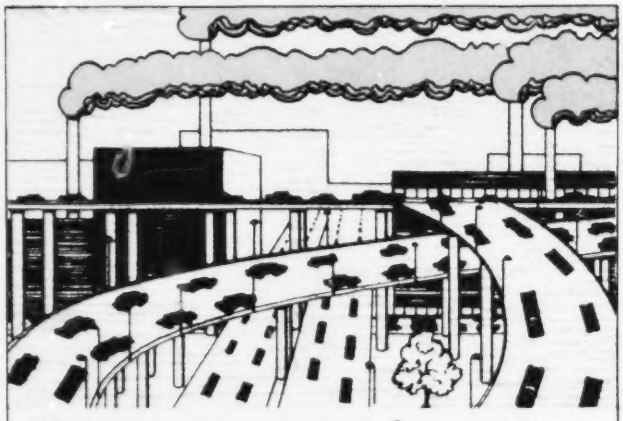
BEST COPY AVAILABLE



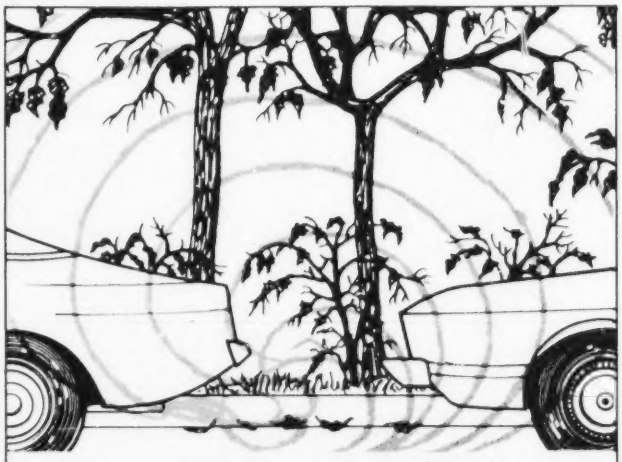
Factories use much water. Some factories pour used, dirty water back into the streams and rivers.



The animals that live in the streams and rivers began to get sick and die.

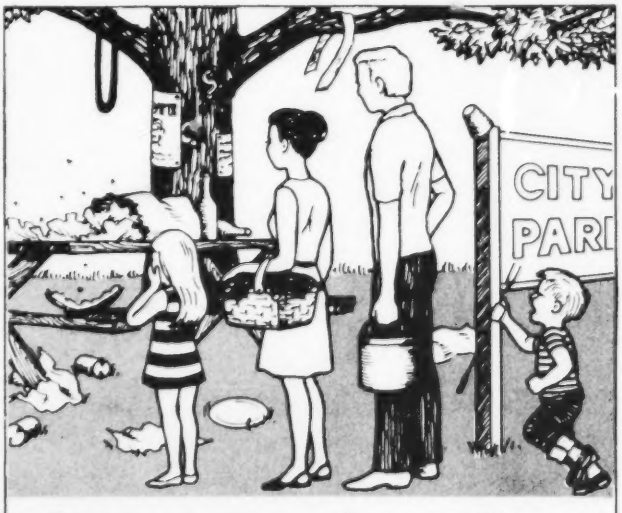


There were more and more cars. Fumes from cars and factories put poisons into the air.



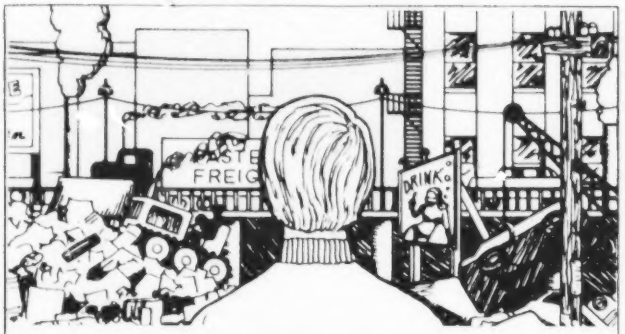
Trees and plants in the cities began to get sick and die.

More people made more noise.



More people made more litter.

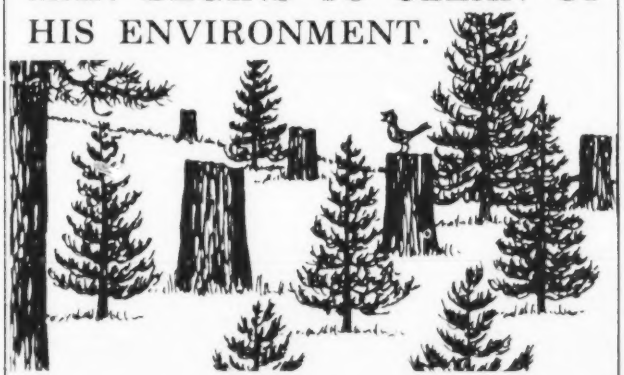
BEST COPY AVAILABLE



Man looked around
at his ENVIRONMENT.
Too much of it was dirty,
ugly, and noisy. Sometimes it
made PEOPLE get sick and die.

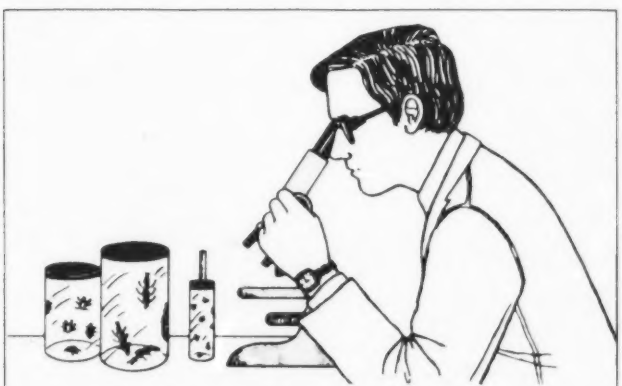
Man had been thoughtless
of his ENVIRONMENT.
He could not go back.
But he could not go on
being thoughtless.

MAN BEGINS TO CLEAN UP
HIS ENVIRONMENT.

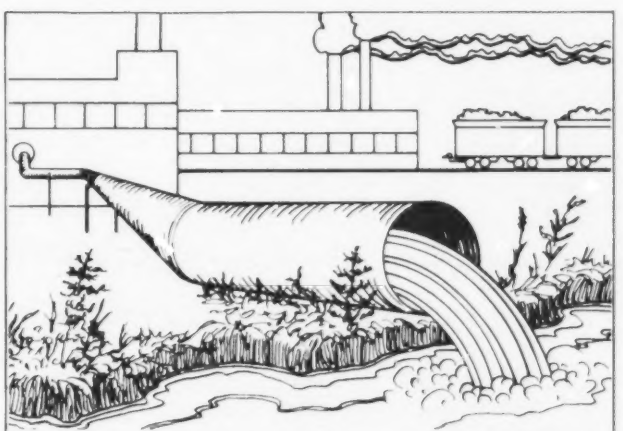


Young trees are being planted
as old trees are cut down.

There are places where wild
animals are protected. There
are laws to protect others.

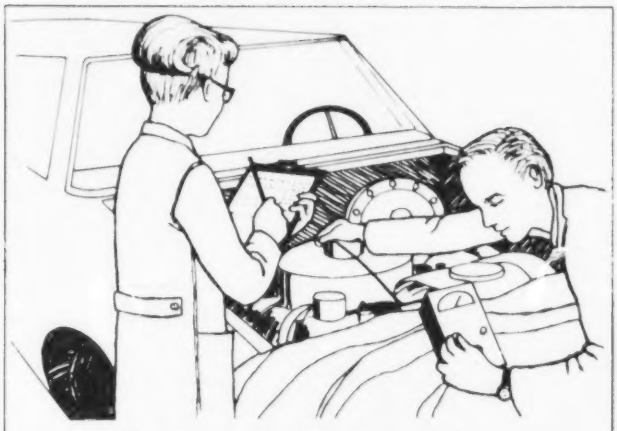


Scientists are working to
find new ways to kill insects.
Ways which won't harm
birds and other animals.

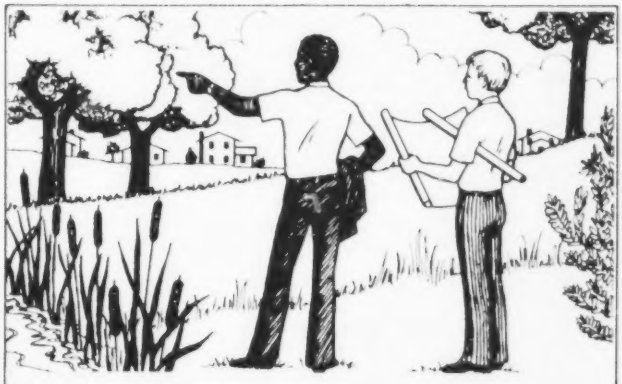


More and more factories are taking
the poisons from their smoke and
cleaning their used water.

BEST COPY AVAILABLE

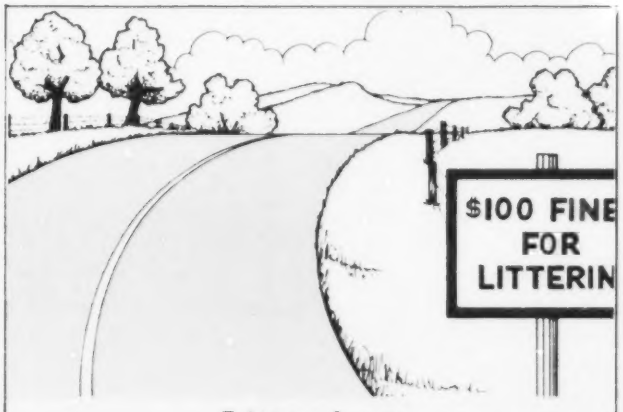


Engineers are working to design motors that won't poison the air.



City planners are working to beautify the cities. They are also trying to save open spaces for parks.

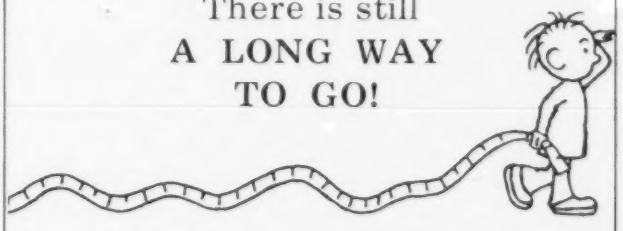
Many people are riding buses or bicycles. That means fewer cars on the streets.



Litter laws remind people to keep their environment clean.

Cities collect mountains of trash each day. Much of what fills up the dumps could be used again; or recycled. Many people now separate these things from their trash.

There is still
A LONG WAY
TO GO!



Much is being done to help the **ENVIRONMENT.**

MUCH MORE needs to be done!

EVERYONE needs to help!

A REAL-LIFE HORROR STORY

THE GLUT

HOW MILD MEMBERS OF AN AVERAGE FAMILY
TURN INTO THOUGHTLESS POLLUTERS

Mr. Average leaves for work.

And he becomes a **GLUT** by driving to work alone!

HOW TO UN-GLUT:
Walk—
or ride a bicycle—
or take a bus—
or join a car-pool.

Cut down on air pollution and traffic noise.

The dress Mrs. Average wants to wear to P.T.A. is dirty.

She runs the washer for just one dress and becomes a **GLUT!**

HOW TO UN-GLUT:
Wear another dress—
or wash it out by hand—
or plan ahead to always wash a full load.

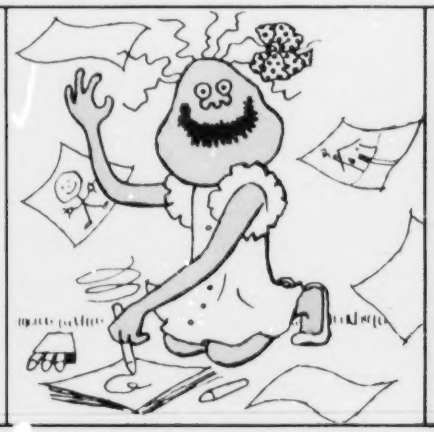
(Power companies have pollution problems too.)

Save electricity and water. Cut down on air and water pollution.

BEST COPY AVAILABLE

BEST COPY AVAILABLE

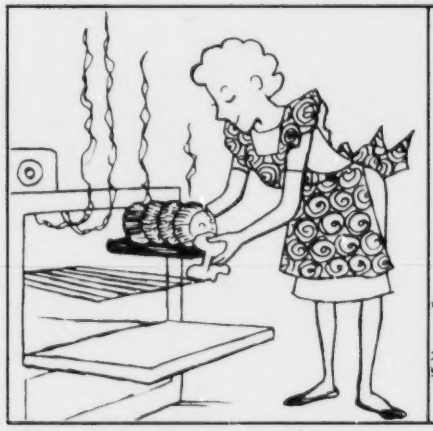
Sister Sue is an artist.



Now she's a **GLUT!** See how she's wasting paper!

HOW TO UN-GLUT:
Use both sides of the paper.

Save paper. (Paper is made from trees.) Make less trash.

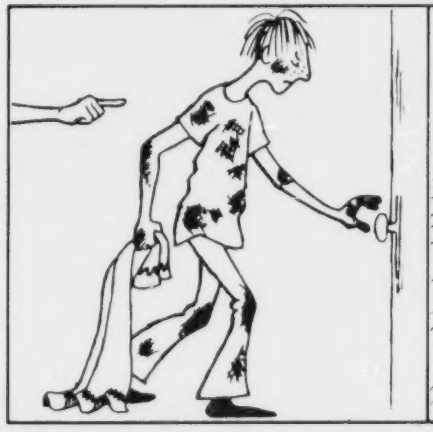


Mrs. Average has a big roast cooking in the oven.

She cooks the rest of the meal on top of the stove and becomes a **GLUT!**

HOW TO UN-GLUT:
Since the oven is on anyway, try to cook some of the vegetables and other foods with the roast, and not use the burners so much.

Save electricity or gas; help cut down on air pollution.



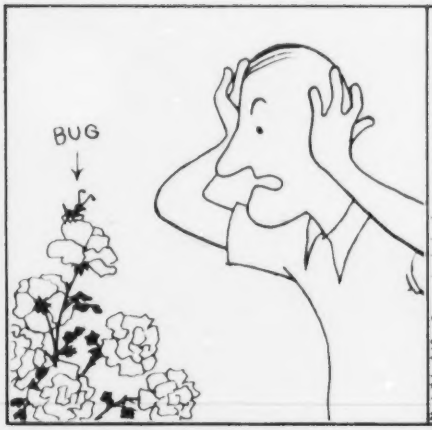
Brother Ben decides to take a shower.

And he becomes a **GLUT** by using GALLONS of water.

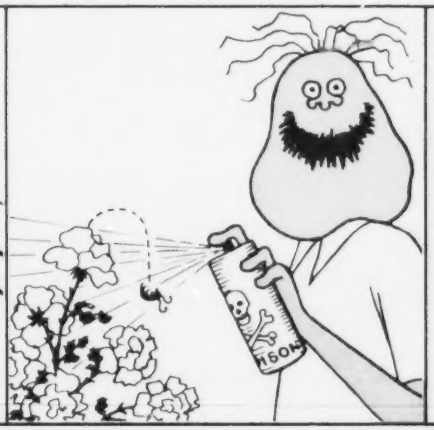
HOW TO UN-GLUT:
1. Run just enough water to get wet.
2. Turn off water.
3. "Soap up."
4. Turn on water.
5. Run just enough water to rinse off.

(The average shower takes up to 60 gallons of water)!

Save GALLONS of water. Save the gas that heats the water.



Mr. Average finds a bug on his favorite rose bush.

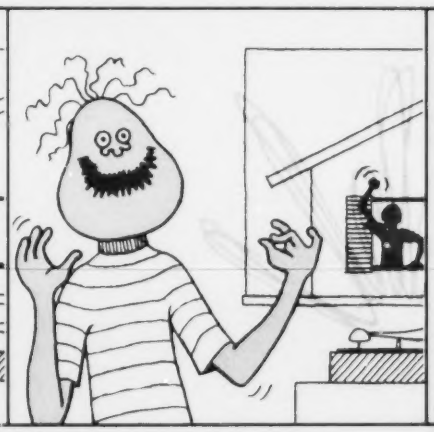


By overspraying it with a poison, he becomes a **GLUT!**

HOW TO UN-GLUT:
Use poisons sparingly (read the labels) and only when necessary – one bug doesn't kill a rose bush

Keep from killing birds, toads, and other insect-eaters.

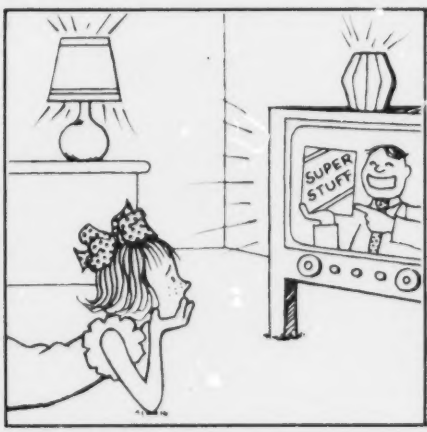
Brother Ben wants to play some music.



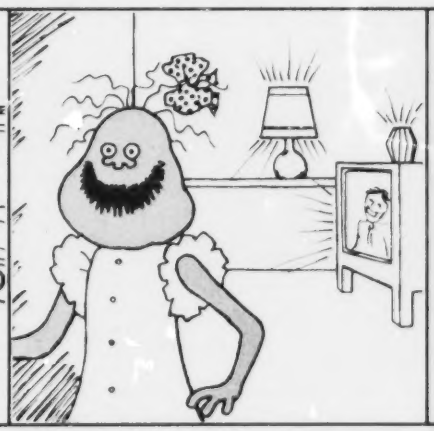
But he plays it too loud and becomes a **GLUT!**

HOW TO UN-GLUT:
Respect other people's right to NOT hear it!
TURN IT DOWN!

Keep down noise pollution.



Sister Sue decides to go outdoors to play.

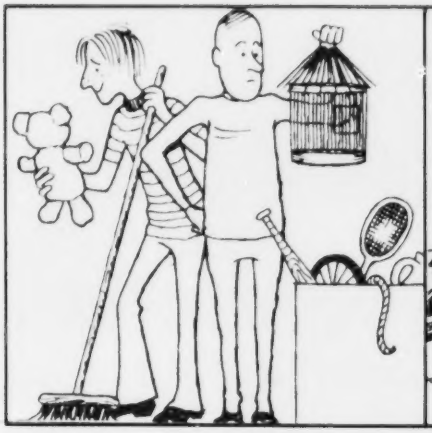


And she becomes a **GLUT** when she leaves the room.

HOW TO UN-GLUT:
Use just the lights you need. Turn off lights, TV and radio when you are done with them.

Save electricity and help conserve our energy.

BEST COPY AVAILABLE



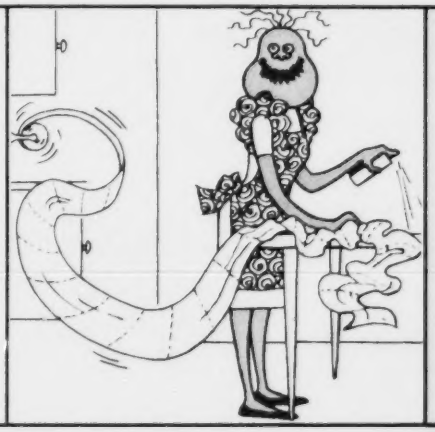
Mr. Average and brother Ben clean out the basement.

They throw away things that can still be used. **GLUTS!**

HOW TO UN-GLUT:
Others can use things you don't need. Recycle them—have a garage sale or give them to a charitable group. Find out where to give in your town.

Save natural resources by not constantly needing new things.

Mrs. Average keeps a clean house.



But she uses many, many paper towels and becomes a **GLUT**

HOW TO UN-GLUT:
Make a rag bag. Worn-out clothes, towels and sheets are good cleaning rags. They can be washed again and again.

Save paper. (Paper is made from trees). Cut down on trash.

After a picnic, the Averages find that the trash cans are full.

But the **GLUTS** leave their trash anyway!

HOW TO UN-GLUT:
If there's no place for it, take your trash home to your own trash can.

Remember:
Every
Litter Bit
Hurts!

Keep wind-blown trash from littering.

SEE HOW EASY IT IS TO BECOME A **GLUT**? JUST **UN-THINK!**

CROSSWORD PUZZLE FUN

"Crossword" means that the words cross each other:

	T		
	H		
L	I	K	E
	S		

Some words go "across".

Some words go "down".

What is the missing word in each sentence below?

Find the number of each word in the puzzle.

The FIRST letter of that word goes in the box with the number.

"ACROSS" words

Every Litter Bit 1 !

Trash where it doesn't belong, is called 3 .

The 8 is what every living thing needs for life. (already filled in)

9 are good to clean with. Save them.

13 needs to help the ENVIRONMENT!

Each living thing must have 14 in its ENVIRONMENT.

Dirty water from factories kills many 16 .

People, animals, and 18 live on Earth.

When you run the shower too long, you 21 ■ 22 .

When something is not nice to look at, it is 23 .

24 put much poison into the air.

"DOWN" words

When you leave a room, 2 ■ 11 the lights.

Paper is made from 4 .

Each living thing must have 5 in its ENVIRONMENT.

The ENVIRONMENTS of many 6 have been hurt by man.

7 bothers people and hurts ears.

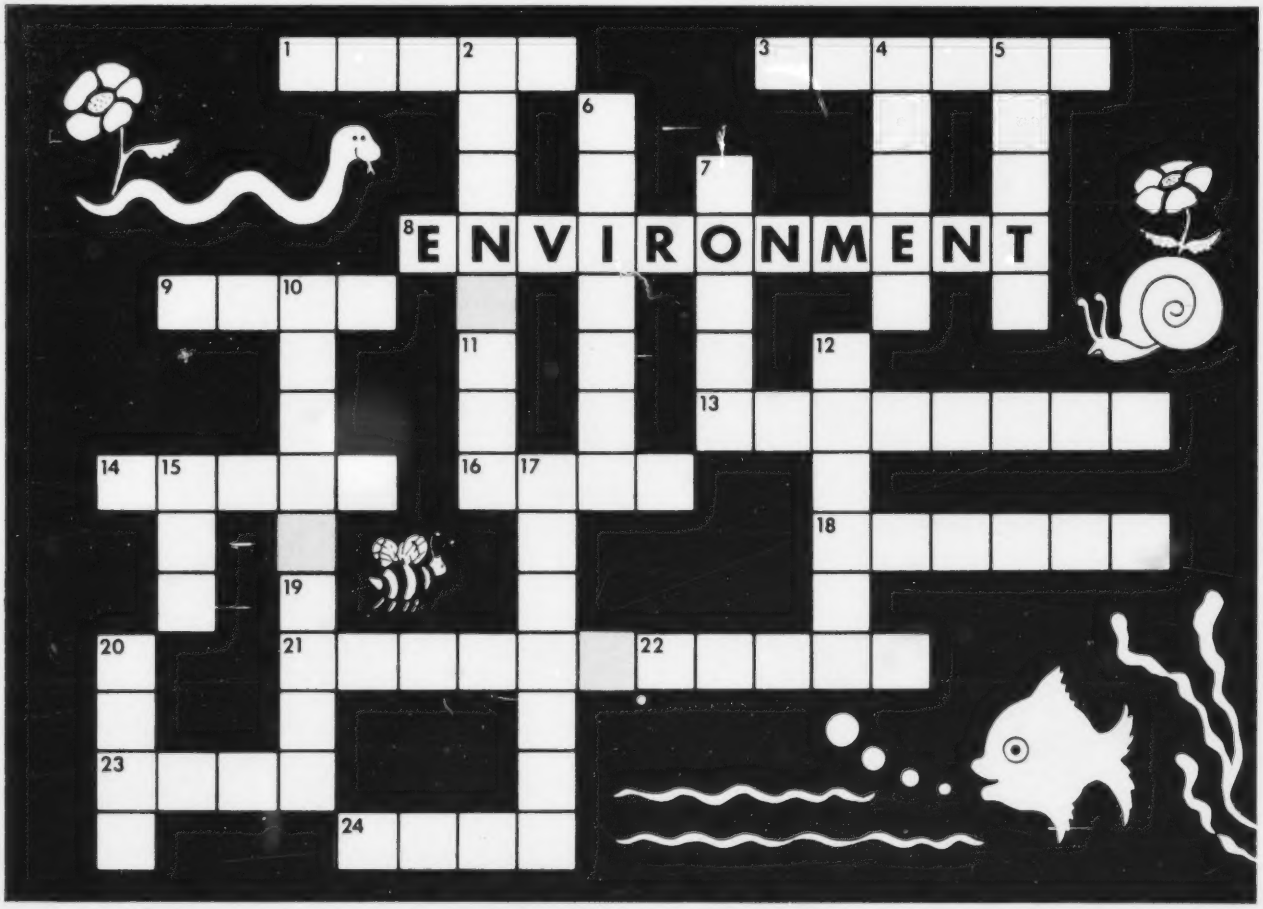
10 ■ 19 good, used items. Don't throw them away.

Too many 12 have hurt the ENVIRONMENT.

Each living thing must have 15 in its ENVIRONMENT.

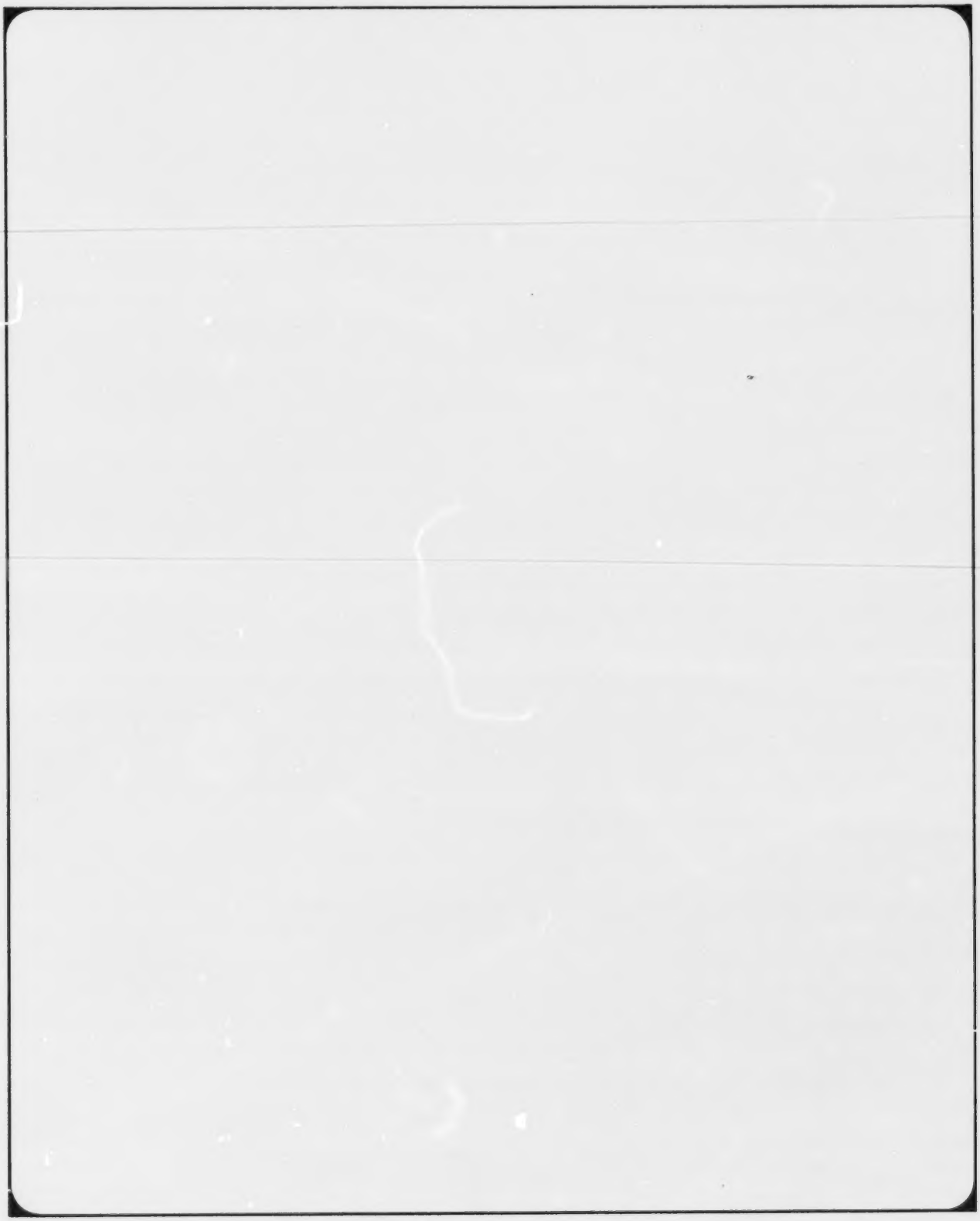
Most birds eat 17 .

It's easy to be a 20 . Just "un-think"!



THE PRESIDENT'S ENVIRONMENTAL MERIT AWARDS PROGRAM

COLOR—CLEAN this **ENVIRONMENT** and give it to your teacher. Color **IN** what you like in this environment. Color **OVER** what you don't like. *(See back of page.)*



BEST COPY AVAILABLE

CUT ALONG DOTTED LINE

What are you doing to help your environment? (Please check the boxes)

- ■ If where I need to go is not too far, I walk or ride my bicycle. I don't ask to be taken in a car.
- ■ I never throw trash on the ground. I put it in the nearest trash can.
- ■ I don't make loud noise where it can bother other people.
- ■ I don't waste water.
- ■ I don't throw trash in lakes or streams.
- ■ I help sort things from the trash that can be recycled.
- ■ I don't waste paper.
- ■ I help keep our yard neat and clean.
- ■ I pick up litter on my school yard.
- ■ I let my mother know in advance when I need something washed. (Like my gym suit).
- ■ I don't waste electricity.
- ■ I always clean up trash after a picnic or camp-out.
- ■ I don't bother wild animals. I leave them and their homes alone.
- ■ I remind other people to protect the environment.
- ■ I love this earth. I want it to be left nice for MY children.
- ■ I plan to start a club (or)
- ■ I belong to a club that works to help our neighborhood environment.

The name of the club is: (Please print)

_____

Some of the things we have done or plan to do are:

_____

_____

tell us what you like about your environment. (your neighborhood)

_____

_____

What DON'T you like about your environment? (your neighborhood)

_____

_____

Dear Teacher:

You can help stimulate an interest in ecology in this child and among all your students.

P.E.M.A.P. — the President's Environmental Merit Awards Program was created to encourage and recognize student involvement in cleaning up the environment.

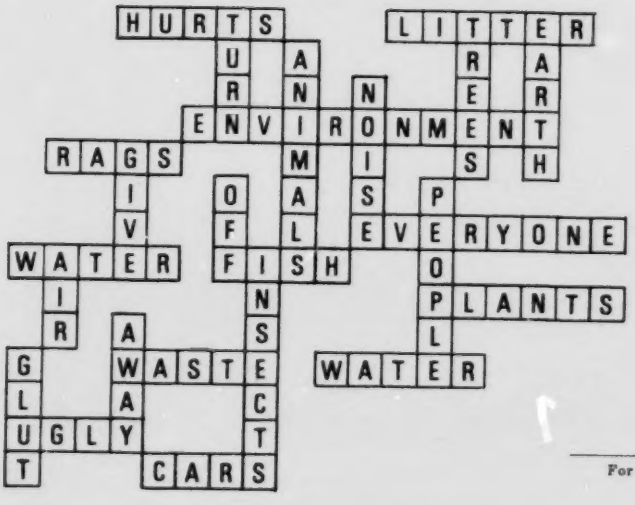
For information on how to enroll your class, club or school in the program write:

The President's Environmental
Merit Awards Program
Environmental Protection Agency
401 M Street, S. W.
Washington, D. C. 20460

Certificates bearing the Presidential seal and signature are granted students who participate in award-winning projects.

Life—Pass It On

ANSWER TO PUZZLE



BEST COPY AVAILABLE

☆ U.S. GOVERNMENT PRINTING OFFICE : 1973 O-[illegible]-766

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402
Price: 75 cents, domestic postpaid; 65 cents, GPO Bookstore Stock No. 5500-00087